

Human Tryptase beta-2 ELISA Kit | TPSB2 elisa kit

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CATALOG #
AAA101864

REACTIVITY
Human

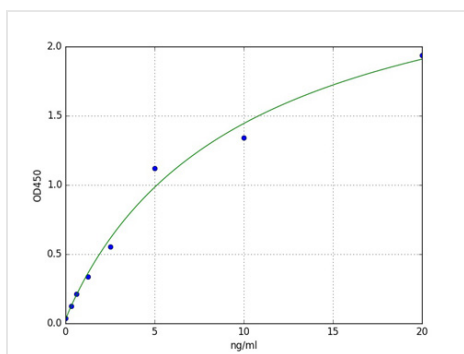
PRODUCT SYNONYMS

Tryptase beta-2; Human Tryptase beta-2 ELISA Kit; TPSB2 (Tryptase beta-2)/TPS2/Tryptase-C/mast cell tryptase beta II/mast cell tryptase beta III/tryptase beta 2 (gene/pseudogene)/tryptase beta II/tryptase beta III/Tryptase II/tryptase III/tryptase-2/Tryptase-2/tryptaseB/tryptaseC; TPSB2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	275
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Human TPSB2 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.313	0.625	1.25	2.5	5	10	20
Y	OD450	0.074	0.0821	0.105	0.133	0.225	0.446	0.934	1.913

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TPSB2 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human TPSB2antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human TPSB2 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRPStreptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human TPSB2 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration ofHuman TPSB2can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	68508970
NCBI GeneID	64499
NCBI Accession #	NP_077078.5
NCBI GenBank Nucleotide #	NM_024164.5
Molecular Weight	30,515 Da
NCBI Official Full Name	tryptase beta-2 preproprotein
NCBI Official Synonym Full Names	tryptase beta 2 (gene/pseudogene)
NCBI Official Symbol	TPSB2
NCBI Official Synonym Symbols	TPS2; tryptaseB; tryptaseC
NCBI Protein Information	tryptase beta-2
UniProt Protein Name	Tryptase beta-2
UniProt Gene Name	TPSB2
UniProt Synonym Gene Names	TPS2; Tryptase-2
UniProt Entry Name	TRYB2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/tpsb2-human-elisa-kits/tryptase-beta-2/101864>